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[Neural stem and progenitor cells: choosing the right Shc.
Prog Brain Res. 2004;146:127-33. Review.
 PMID: 14699961 [PubMed - indexed for MEDLINE]

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[Potential use of stem cells in neuroreplacement therapies for neurodegenerative diseases.
Int Rev Cytol. 2003;228:1-30. Review.
 PMID: 14667041 [PubMed - indexed for MEDLINE]

3: Young HE. [Related Articles](#), [Links](#)
[Existence of reserve quiescent stem cells in adults, from amphibians to humans.
Curr Top Microbiol Immunol. 2004;280:71-109. Review.
 PMID: 14594208 [PubMed - indexed for MEDLINE]

4: Goldman S. [Related Articles](#), [Links](#)
[Glia as neural progenitor cells.
Trends Neurosci. 2003 Nov;26(11):590-6. Review.
 PMID: 14585598 [PubMed - indexed for MEDLINE]

5: Gotz M. [Related Articles](#), [Links](#)
[Glial cells generate neurons--master control within CNS regions: developmental perspectives on neural stem cells.
Neuroscientist. 2003 Oct;9(5):379-97. Review.
 PMID: 14580122 [PubMed - indexed for MEDLINE]

6: Dazert S, Aletsee C, Brors D, Sudhoff H, Ryan AF, Muller AM. [Related Articles](#), [Links](#)
[Regeneration of inner ear cells from stem cell precursors--a future concept of hearing rehabilitation?
DNA Cell Biol. 2003 Sep;22(9):565-70. Review.
 PMID: 14577909 [PubMed - indexed for MEDLINE]

7: Sugaya K. [Related Articles](#), [Links](#)
[Neuroreplacement therapy and stem cell biology under disease conditions.
Cell Mol Life Sci. 2003 Sep;60(9):1891-902. Review.
 PMID: 14523550 [PubMed - indexed for MEDLINE]

8: Stegmuller J, Schneider S, Hellwig A, Garwood J, Trotter J. [Related Articles](#), [Links](#)
[AN2, the mouse homologue of NG2, is a surface antigen on glial precursor cells implicated in control of cell migration.
J Neurocytol. 2002 Jul-Aug;31(6-7):497-505. Review.
 PMID: 14501219 [PubMed - indexed for MEDLINE]

9: Parent JM. [Related Articles](#), [Links](#)

 Injury-induced neurogenesis in the adult mammalian brain.
Neuroscientist. 2003 Aug;9(4):261-72. Review.
PMID: 12934709 [PubMed - indexed for MEDLINE]

10: [Arlotta P, Magavi SS, Macklis JD.](#) Related Articles, Links

 Induction of adult neurogenesis: molecular manipulation of neural precursors in situ.
Ann N Y Acad Sci. 2003 Jun;991:229-36. Review.
PMID: 12846990 [PubMed - indexed for MEDLINE]

11: [Grimby G, Eriksson P, Nilsson M, Sjolund B.](#) Related Articles, Links

 [Neurobiology provides a scientific foundation for rehabilitation. Report from an international symposium]
Lakartidningen. 2003 Jun 5;100(23):2052-5. Review. Swedish.
PMID: 12833741 [PubMed - indexed for MEDLINE]

12: [Gibbs SM.](#) Related Articles, Links

 Regulation of neuronal proliferation and differentiation by nitric oxide.
Mol Neurobiol. 2003 Apr;27(2):107-20. Review.
PMID: 12777682 [PubMed - indexed for MEDLINE]

13: [Morest DK, Silver J.](#) Related Articles, Links

 Precursors of neurons, neuroglia, and ependymal cells in the CNS: what are they? Where are they from? How do they get where they are going?
Glia. 2003 Jul;43(1):6-18. Review.
PMID: 12761861 [PubMed - indexed for MEDLINE]

14: [Liu CY, Apuzzo ML, Tirrell DA.](#) Related Articles, Links

 Engineering of the extracellular matrix: working toward neural stem cell programming and neurorestoration--concept and progress report.
Neurosurgery. 2003 May;52(5):1154-65; discussion 1165-7. Review.
PMID: 12699561 [PubMed - indexed for MEDLINE]

15: [Kokaia Z, Lindvall O.](#) Related Articles, Links

 Neurogenesis after ischaemic brain insults.
Curr Opin Neurobiol. 2003 Feb;13(1):127-32. Review.
PMID: 12593991 [PubMed - indexed for MEDLINE]

16: [Helms AW, Johnson JE.](#) Related Articles, Links

 Specification of dorsal spinal cord interneurons.
Curr Opin Neurobiol. 2003 Feb;13(1):42-9. Review.
PMID: 12593981 [PubMed - indexed for MEDLINE]

17: [Bally-Cuif L, Hammerschmidt M.](#) Related Articles, Links

 Induction and patterning of neuronal development, and its connection to cell cycle control.
Curr Opin Neurobiol. 2003 Feb;13(1):16-25. Review.
PMID: 12593978 [PubMed - indexed for MEDLINE]

18: [Kurihara H, Shinohara H, Yoshino H, Takeda K, Shiba H.](#) Related Articles, Links

 Neurotrophins in cultured cells from periodontal tissues.
J Periodontol. 2003 Jan;74(1):76-84. Review.
PMID: 12593600 [PubMed - indexed for MEDLINE]

19: [Konig S, Moura Neto V.](#) Related Articles, Links

 Thyroid hormone actions on neural cells.
Cell Mol Neurobiol. 2002 Dec;22(5-6):517-44. Review.
PMID: 12585678 [PubMed - indexed for MEDLINE]

20: Chernoff EA, Stocum DL, Nye HL, Cameron JA. [Related Articles](#), [Links](#)

 **Urodele spinal cord regeneration and related processes.**
Dev Dyn. 2003 Feb;226(2):295-307. Review.
PMID: 12557207 [PubMed - indexed for MEDLINE]

21: Arlotta P, Magavi SS, Macklis JD. [Related Articles](#), [Links](#)

 **Molecular manipulation of neural precursors in situ: induction of adult cortical neurogenesis.**
Exp Gerontol. 2003 Jan-Feb;38(1-2):173-82. Review.
PMID: 12543275 [PubMed - indexed for MEDLINE]

22: Hamasaki T, Goto S, Nishikawa S, Ushio Y. [Related Articles](#), [Links](#)

 **Neuronal cell migration for the developmental formation of the mammalian striatum.**
Brain Res Brain Res Rev. 2003 Jan;41(1):1-12. Review.
PMID: 12505644 [PubMed - indexed for MEDLINE]

23: Li L, Liu F, Ross AH. [Related Articles](#), [Links](#)

 **PTEN regulation of neural development and CNS stem cells.**
J Cell Biochem. 2003 Jan 1;88(1):24-8. Review.
PMID: 12461771 [PubMed - indexed for MEDLINE]

24: Katoh M. [Related Articles](#), [Links](#)

 **Regulation of WNT signaling molecules by retinoic acid during neuronal differentiation in NT2 cells: threshold model of WNT action (review).**
Int J Mol Med. 2002 Dec;10(6):683-7. Review.
PMID: 12429992 [PubMed - indexed for MEDLINE]

25: Sasai Y. [Related Articles](#), [Links](#)

 **Generation of dopaminergic neurons from embryonic stem cells.**
J Neurol. 2002 Sep;249 Suppl 2:II41-4. Review.
PMID: 12375063 [PubMed - indexed for MEDLINE]

26: Okano H. [Related Articles](#), [Links](#)

 **Neural stem cells: progression of basic research and perspective for clinical application.**
Keio J Med. 2002 Sep;51(3):115-28. Review.
PMID: 12371642 [PubMed - indexed for MEDLINE]

27: Okano H. [Related Articles](#), [Links](#)

 **[Neural stem cells: the basic biology and prospects for brain repair]**
Rinsho Shinkeigaku. 2001 Dec;41(12):1036-40. Japanese.
PMID: 12235790 [PubMed - indexed for MEDLINE]

28: Galvin KA, Jones DG. [Related Articles](#), [Links](#)

 **Adult human neural stem cells for cell-replacement therapies in the central nervous system.**
Med J Aust. 2002 Sep 16;177(6):316-8. Review.
PMID: 12225280 [PubMed - indexed for MEDLINE]

29: Okano H. [Related Articles](#), [Links](#)

 **Stem cell biology of the central nervous system.**
J Neurosci Res. 2002 Sep 15;69(6):698-707. Review.
PMID: 12205662 [PubMed - indexed for MEDLINE]

30: Hartig W, Bauer A, Brauer K, Grosche J, Hortobagyi T, Penke B, Schliebs R, Harkany T. [Related Articles](#), [Links](#)

 Functional recovery of cholinergic basal forebrain neurons under disease conditions: old problems, new solutions?
Rev Neurosci. 2002;13(2):95-165. Review.
PMID: 12160262 [PubMed - indexed for MEDLINE]

31: [Valverde F.](#) [Related Articles](#), [Links](#)

 Neuronal changes during development and evolution (an overview).
Prog Brain Res. 2002;136:3-10. Review.
PMID: 12143390 [PubMed - indexed for MEDLINE]

32: [Parent JM, Lowenstein DH.](#) [Related Articles](#), [Links](#)

 Seizure-induced neurogenesis: are more new neurons good for an adult brain?
Prog Brain Res. 2002;135:121-31. Review.
PMID: 12143334 [PubMed - indexed for MEDLINE]

33: [Brody T, Odenwald WF.](#) [Related Articles](#), [Links](#)

 Cellular diversity in the developing nervous system: a temporal view from Drosophila.
Development. 2002 Aug;129(16):3763-70. Review.
PMID: 12135915 [PubMed - indexed for MEDLINE]

34: [Frotscher M, Seress L, Abraham H, Heimrich B.](#) [Related Articles](#), [Links](#)

 Early generated Cajal-Retzius cells have different functions in cortical development.
Symp Soc Exp Biol. 2001;(53):43-9. Review. No abstract available.
PMID: 12063847 [PubMed - indexed for MEDLINE]

35: [Shirasaki R, Pfaff SL.](#) [Related Articles](#), [Links](#)

 Transcriptional codes and the control of neuronal identity.
Annu Rev Neurosci. 2002;25:251-81. Epub 2002 Mar 27. Review.
PMID: 12052910 [PubMed - indexed for MEDLINE]

36: [Farinas I, Cano-Jaimez M, Bellmunt E, Soriano M.](#) [Related Articles](#), [Links](#)

 Regulation of neurogenesis by neurotrophins in developing spinal sensory ganglia.
Brain Res Bull. 2002 Apr;57(6):809-16. Review.
PMID: 12031277 [PubMed - indexed for MEDLINE]

37: [Gotz M, Hartfuss E, Malatesta P.](#) [Related Articles](#), [Links](#)

 Radial glial cells as neuronal precursors: a new perspective on the correlation of morphology and lineage restriction in the developing cerebral cortex of mice.
Brain Res Bull. 2002 Apr;57(6):777-88. Review.
PMID: 12031274 [PubMed - indexed for MEDLINE]

38: [Lim DA, Flames N, Collado L, Herrera DG.](#) [Related Articles](#), [Links](#)

 Investigating the use of primary adult subventricular zone neural precursor cells for neuronal replacement therapies.
Brain Res Bull. 2002 Apr;57(6):759-64. Review.
PMID: 12031272 [PubMed - indexed for MEDLINE]

39: [Alvarez-Buylla A, Seri B, Doetsch F.](#) [Related Articles](#), [Links](#)

 Identification of neural stem cells in the adult vertebrate brain.
Brain Res Bull. 2002 Apr;57(6):751-8. Review.
PMID: 12031271 [PubMed - indexed for MEDLINE]

40: [Magavi SS, Macklis JD.](#) [Related Articles](#), [Links](#)

 **Induction of neuronal type-specific neurogenesis in the cerebral cortex of adult mice: manipulation of neural precursors in situ.**
Brain Res Dev Brain Res. 2002 Mar 31;134(1-2):57-76. Review.
PMID: 11947937 [PubMed - indexed for MEDLINE]

41: [Ho KS, Scott MP.](#) Related Articles, Links

 **Sonic hedgehog in the nervous system: functions, modifications and mechanisms.**
Curr Opin Neurobiol. 2002 Feb;12(1):57-63. Review.
PMID: 11861165 [PubMed - indexed for MEDLINE]

42: [Schuurmans C, Guillemot F.](#) Related Articles, Links

 **Molecular mechanisms underlying cell fate specification in the developing telencephalon.**
Curr Opin Neurobiol. 2002 Feb;12(1):26-34. Review.
PMID: 11861161 [PubMed - indexed for MEDLINE]

43: [Peterson DA.](#) Related Articles, Links

 **Stem cells in brain plasticity and repair.**
Curr Opin Pharmacol. 2002 Feb;2(1):34-42. Review.
PMID: 11786306 [PubMed - indexed for MEDLINE]

44: [Gritti A, Vescovi AL, Galli R.](#) Related Articles, Links

 **Adult neural stem cells: plasticity and developmental potential.**
J Physiol Paris. 2002 Jan-Mar;96(1-2):81-90. Review.
PMID: 11755786 [PubMed - indexed for MEDLINE]

45: [Mirsky R, Jessen KR, Brennan A, Parkinson D, Dong Z, Meier C, Partantier E, Lawson D.](#) Related Articles, Links

 **Schwann cells as regulators of nerve development.**
J Physiol Paris. 2002 Jan-Mar;96(1-2):17-24. Review.
PMID: 11755779 [PubMed - indexed for MEDLINE]

46: [Magavi SS, Macklis JD.](#) Related Articles, Links

 **Manipulation of neural precursors in situ: induction of neurogenesis in the neocortex of adult mice.**
Neuropsychopharmacology. 2001 Dec;25(6):816-35. Review.
PMID: 11750176 [PubMed - indexed for MEDLINE]

47: [Vaccarino FM, Ganat Y, Zhang Y, Zheng W.](#) Related Articles, Links

 **Stem cells in neurodevelopment and plasticity.**
Neuropsychopharmacology. 2001 Dec;25(6):805-15. Review.
PMID: 11750175 [PubMed - indexed for MEDLINE]

48: [Dupin E, Real C, Ledouarin N.](#) Related Articles, Links

 **The neural crest stem cells: control of neural crest cell fate and plasticity by endothelin-3.**
An Acad Bras Cienc. 2001 Dec;73(4):533-45. Review.
PMID: 11743601 [PubMed - indexed for MEDLINE]

49: [Morrison SJ.](#) Related Articles, Links

 **Neuronal potential and lineage determination by neural stem cells.**
Curr Opin Cell Biol. 2001 Dec;13(6):666-72. Review.
PMID: 11698181 [PubMed - indexed for MEDLINE]

50: [Kuhn HG, Palmer TD, Fuchs E.](#) Related Articles, Links

 **Adult neurogenesis: a compensatory mechanism for neuronal damage.**
Eur Arch Psychiatry Clin Neurosci. 2001 Aug;251(4):152-8. Review.

PMID: 11697579 [PubMed - indexed for MEDLINE]

51: [Lee SK, Pfaff SL.](#)

[Related Articles](#), [Links](#)

 **Transcriptional networks regulating neuronal identity in the developing spinal cord.**

Nat Neurosci. 2001 Nov;4 Suppl:1183-91. Review.

PMID: 11687828 [PubMed - indexed for MEDLINE]

52: [Jones BW.](#)

[Related Articles](#), [Links](#)

 **Glial cell development in the Drosophila embryo.**

Bioessays. 2001 Oct;23(10):877-87. Review.

PMID: 11598955 [PubMed - indexed for MEDLINE]

53: [Price J, Williams BP.](#)

[Related Articles](#), [Links](#)

 **Neural stem cells.**

Curr Opin Neurobiol. 2001 Oct;11(5):564-7. Review.

PMID: 11595489 [PubMed - indexed for MEDLINE]

54: [Burton EA, Wechuck JB, Wendell SK, Goins WF, Fink DJ, Glorioso JC.](#)

[Related Articles](#), [Links](#)

 **Multiple applications for replication-defective herpes simplex virus vectors.**

Stem Cells. 2001;19(5):358-77. Review.

PMID: 11553845 [PubMed - indexed for MEDLINE]

55: [Nguyen L, Rigo JM, Rocher V, Belachew S, Malgrange B, Rogister B, Leprinse P, Moonen G.](#)

[Related Articles](#), [Links](#)

 **Neurotransmitters as early signals for central nervous system development.**

Cell Tissue Res. 2001 Aug;305(2):187-202. Review.

PMID: 11545256 [PubMed - indexed for MEDLINE]

56: [Guan K, Chang H, Rolletschek A, Wobus AM.](#)

[Related Articles](#), [Links](#)

 **Embryonic stem cell-derived neurogenesis. Retinoic acid induction and lineage selection of neuronal cells.**

Cell Tissue Res. 2001 Aug;305(2):171-6. Review.

PMID: 11545254 [PubMed - indexed for MEDLINE]

57: [Seia B.](#)

[Related Articles](#), [Links](#)

 **[The revolution of stem cells: bone marrow cells, neural cells and muscle cells are interconvertible]**

Harefuah. 2001 Jul;140(7):628-31, 677. Review. Hebrew.

PMID: 11481968 [PubMed - indexed for MEDLINE]

58: [Gokhan S, Mehler MF.](#)

[Related Articles](#), [Links](#)

 **Basic and clinical neuroscience applications of embryonic stem cells.**

Anat Rec. 2001 Jun 15;265(3):142-56. Review.

PMID: 11458329 [PubMed - indexed for MEDLINE]

59: [Ferguson KL, Slack RS.](#)

[Related Articles](#), [Links](#)

 **The Rb pathway in neurogenesis.**

Neuroreport. 2001 Jul 3;12(9):A55-62. Review.

PMID: 11435948 [PubMed - indexed for MEDLINE]

60: [Singh G.](#)

[Related Articles](#), [Links](#)

 **Sources of neuronal material for implantation.**

Neuropathology. 2001 Jun;21(2):110-4. Review.

PMID: 11396675 [PubMed - indexed for MEDLINE]

61: [Vescovi AL, Galli R, Gritti A.](#)

[Related Articles](#), [Links](#)

 The neural stem cells and their transdifferentiation capacity.
Biomed Pharmacother. 2001 May;55(4):201-5. Review.
PMID: 11393806 [PubMed - indexed for MEDLINE]

 **62:** Yamaguchi Y. Related Articles, Links
 Heparan sulfate proteoglycans in the nervous system: their diverse roles in neurogenesis, axon guidance, and synaptogenesis.
Semin Cell Dev Biol. 2001 Apr;12(2):99-106. Review.
PMID: 11292375 [PubMed - indexed for MEDLINE]

 **63:** Schober A, Kriegstein K, Unsicker K. Related Articles, Links
 Molecular cues for the development of adrenal chromaffin cells and their preganglionic innervation.
Eur J Clin Invest. 2000 Dec;30 Suppl 3:87-90. Review.
PMID: 11281376 [PubMed - indexed for MEDLINE]

 **64:** Akamatsu W, Okano H. Related Articles, Links
 [Neural stem cell, as a source of graft material for transplantation in neuronal disease]
No To Hattatsu. 2001 Mar;33(2):114-20. Review. Japanese.
PMID: 11260912 [PubMed - indexed for MEDLINE]

 **65:** Briscoe J, Ericson J. Related Articles, Links
 Specification of neuronal fates in the ventral neural tube.
Curr Opin Neurobiol. 2001 Feb;11(1):43-9. Review.
PMID: 11179871 [PubMed - indexed for MEDLINE]

 **66:** Nishino H, Borlongan CV. Related Articles, Links
 Restoration of function by neural transplantation in the ischemic brain.
Prog Brain Res. 2000;127:461-76. Review.
PMID: 11142041 [PubMed - indexed for MEDLINE]

 **67:** Alvarez-Buylla A, Herrera DG, Wichterle H. Related Articles, Links
 The subventricular zone: source of neuronal precursors for brain repair.
Prog Brain Res. 2000;127:1-11. Review.
PMID: 11142024 [PubMed - indexed for MEDLINE]

 **68:** Patten I, Placzek M. Related Articles, Links
 The role of Sonic hedgehog in neural tube patterning.
Cell Mol Life Sci. 2000 Nov;57(12):1695-708. Review.
PMID: 11130176 [PubMed - indexed for MEDLINE]

 **69:** Anderson DJ. Related Articles, Links
 Genes, lineages and the neural crest: a speculative review.
Philos Trans R Soc Lond B Biol Sci. 2000 Jul 29;355(1399):953-64. Review.
PMID: 11128989 [PubMed - indexed for MEDLINE]

 **70:** Mehler MF, Gokhan S. Related Articles, Links
 Developmental mechanisms in the pathogenesis of neurodegenerative diseases.
Prog Neurobiol. 2001 Feb;63(3):337-63. Review.
PMID: 11115729 [PubMed - indexed for MEDLINE]

 **71:** Sieber-Blum M, Ren Z. Related Articles, Links
 Norepinephrine transporter expression and function in noradrenergic cell differentiation.
Mol Cell Biochem. 2000 Sep;212(1-2):61-70.
PMID: 11108137 [PubMed - indexed for MEDLINE]

72: Lee VM, Hartley RS, Trojanowski JQ. [Related Articles](#), [Links](#)
 Neurobiology of human neurons (NT2N) grafted into mouse spinal cord: implications for improving therapy of spinal cord injury.
Prog Brain Res. 2000;128:299-307. Review.
PMID: 11105689 [PubMed - indexed for MEDLINE]

73: Abe K. [Related Articles](#), [Links](#)
 Therapeutic potential of neurotrophic factors and neural stem cells against ischemic brain injury.
J Cereb Blood Flow Metab. 2000 Oct;20(10):1393-408. Review.
PMID: 11043902 [PubMed - indexed for MEDLINE]

74: Dorsky RI, Moon RT, Raible DW. [Related Articles](#), [Links](#)
 Environmental signals and cell fate specification in premigratory neural crest.
Bioessays. 2000 Aug;22(8):708-16. Review.
PMID: 10918301 [PubMed - indexed for MEDLINE]

75: Okano H. [Related Articles](#), [Links](#)
 [Neural stem cells: the basic biology and prospects for brain repair]
Nihon Shinkei Seishin Yakurigaku Zasshi. 2000 Feb;20(1):21-6. Review. Japanese.
PMID: 10890020 [PubMed - indexed for MEDLINE]

76: Yoshikawa K. [Related Articles](#), [Links](#)
 Cell cycle regulators in neural stem cells and postmitotic neurons.
Neurosci Res. 2000 May;37(1):1-14. Review.
PMID: 10802339 [PubMed - indexed for MEDLINE]

77: Perren M, Harris WA. [Related Articles](#), [Links](#)
 Determination of vertebrate retinal progenitor cell fate by the Notch pathway and basic helix-loop-helix transcription factors.
Cell Mol Life Sci. 2000 Feb;57(2):215-23. Review.
PMID: 10766018 [PubMed - indexed for MEDLINE]

78: Register B, Ben-Hur T, Dubois-Dalcq M. [Related Articles](#), [Links](#)
 From neural stem cells to myelinating oligodendrocytes.
Mol Cell Neurosci. 1999 Oct-Nov;14(4-5):287-300. Review.
PMID: 10588385 [PubMed - indexed for MEDLINE]

79: Sanders KM, Ordog T, Koh SD, Torihashi S, Ward SM. [Related Articles](#), [Links](#)
 Development and plasticity of interstitial cells of Cajal.
Neurogastroenterol Motil. 1999 Oct;11(5):311-38. Review. Erratum in:
Neurogastroenterol Motil 2001 Feb;13(1):109.
PMID: 10520164 [PubMed - indexed for MEDLINE]

80: Gray JA, Hodges H, Sinden J. [Related Articles](#), [Links](#)
 Prospects for the clinical application of neural transplantation with the use of conditionally immortalized neuroepithelial stem cells.
Philos Trans R Soc Lond B Biol Sci. 1999 Aug 29;354(1388):1407-21. Review.
PMID: 10515001 [PubMed - indexed for MEDLINE]

81: Rao MS. [Related Articles](#), [Links](#)
 Multipotent and restricted precursors in the central nervous system.
Anat Rec. 1999 Aug 15;257(4):137-48. Review.
PMID: 10467245 [PubMed - indexed for MEDLINE]

82: Briscoe J, Ericson J. [Related Articles](#), [Links](#)

 **The specification of neuronal identity by graded Sonic Hedgehog signalling.**
Semin Cell Dev Biol. 1999 Jun;10(3):353-62. Review.
PMID: 10441550 [PubMed - indexed for MEDLINE]

 **83: Vescovi AL, Snyder EY.** Related Articles, Links

 **Establishment and properties of neural stem cell clones: plasticity in vitro and in vivo.**
Brain Pathol. 1999 Jul;9(3):569-98. Review.
PMID: 10416994 [PubMed - indexed for MEDLINE]

 **84: Brustle O.** Related Articles, Links

 **Building brains: neural chimeras in the study of nervous system development and repair.**
Brain Pathol. 1999 Jul;9(3):527-45. Review.
PMID: 10416992 [PubMed - indexed for MEDLINE]

 **85: Mehler MF, Gokhan S.** Related Articles, Links

 **Postnatal cerebral cortical multipotent progenitors: regulatory mechanisms and potential role in the development of novel neural regenerative strategies.**
Brain Pathol. 1999 Jul;9(3):515-26. Review.
PMID: 10416991 [PubMed - indexed for MEDLINE]

 **86: Svendsen CN, Smith AG.** Related Articles, Links

 **New prospects for human stem-cell therapy in the nervous system.**
Trends Neurosci. 1999 Aug;22(8):357-64. Review.
PMID: 10407421 [PubMed - indexed for MEDLINE]

 **87: Kalyani AJ, Rao MS.** Related Articles, Links

 **Cell lineage in the developing neural tube.**
Biochem Cell Biol. 1998;76(6):1051-68. Review.
PMID: 10392716 [PubMed - indexed for MEDLINE]

 **88: Sieber-Blum M.** Related Articles, Links

 **Growth factor synergism and antagonism in early neural crest development.**
Biochem Cell Biol. 1998;76(6):1039-50.
PMID: 10392715 [PubMed - indexed for MEDLINE]

 **89: Gokhan S, Song Q, Mehler MF.** Related Articles, Links

 **Generation and regulation of developing immortalized neural cell lines.**
Methods. 1998 Nov;16(3):345-58. Review.
PMID: 10071071 [PubMed - indexed for MEDLINE]

 **90: Panchision D, Hazel T, McKay R.** Related Articles, Links

 **Plasticity and stem cells in the vertebrate nervous system.**
Curr Opin Cell Biol. 1998 Dec;10(6):727-33. Review.
PMID: 9914183 [PubMed - indexed for MEDLINE]

 **91: Goldman SA.** Related Articles, Links

 **Adult neurogenesis: from canaries to the clinic.**
J Neurobiol. 1998 Aug;36(2):267-86. Review.
PMID: 9712309 [PubMed - indexed for MEDLINE]

 **92: Doe CQ, Fuerstenberg S, Peng CY.** Related Articles, Links

 **Neural stem cells: from fly to vertebrates.**
J Neurobiol. 1998 Aug;36(2):111-27. Review.

PMID: 9712299 [PubMed - indexed for MEDLINE]

93: [Ip NY](#)

[Related Articles](#), [Links](#)

 **The neurotrophins and neuropoietic cytokines: two families of growth factors acting on neural and hematopoietic cells.**
Ann N Y Acad Sci. 1998 May 1;840:97-106. Review.
PMID: 9629241 [PubMed - indexed for MEDLINE]

94: [Goldman SA, Nedergaard M, Crystal RG, Fraser RA, Goodman R](#). [Related Articles](#), [Links](#)
[Harrison-Restelli C, Jiang J, Keyoung HM, Leventhal C, Pincus DW, Shahar A, Wang S](#).

 **Neural precursors and neuronal production in the adult mammalian forebrain.**
Ann N Y Acad Sci. 1997 Dec 19;835:30-55. Review. No abstract available.
PMID: 9616760 [PubMed - indexed for MEDLINE]

95: [Anderson DJ, Groves A, Lo L, Ma Q, Rao M, Shah NM, Sommer L](#). [Related Articles](#), [Links](#)

 **Cell lineage determination and the control of neuronal identity in the neural crest.**
Cold Spring Harb Symp Quant Biol. 1997;62:493-504. Review.
PMID: 9598383 [PubMed - indexed for MEDLINE]

96: [Pincus DW, Goodman RR, Fraser RA, Nedergaard M, Goldman SA](#). [Related Articles](#), [Links](#)

 **Neural stem and progenitor cells: a strategy for gene therapy and brain repair.**
Neurosurgery. 1998 Apr;42(4):858-67; discussion 867-8. Review.
PMID: 9574651 [PubMed - indexed for MEDLINE]

97: [Arsenijevic Y, Weiss S](#). [Related Articles](#), [Links](#)

 **Insulin-like growth factor-I is a differentiation factor for postmitotic CNS stem cell-derived neuronal precursors: distinct actions from those of brain-derived neurotrophic factor.**
J Neurosci. 1998 Mar 15;18(6):2118-28. Review.
PMID: 9482798 [PubMed - indexed for MEDLINE]

98: [Unsicker K, Finotto S, Kriegstein K](#). [Related Articles](#), [Links](#)

 **Generation of cell diversity in the peripheral autonomic nervous system: the sympathoadrenal cell lineage revisited.**
Anat Anz. 1997 Dec;179(6):495-500. Review.
PMID: 9442255 [PubMed - indexed for MEDLINE]

99: [Kageyama R, Nakanishi S](#). [Related Articles](#), [Links](#)

 **Helix-loop-helix factors in growth and differentiation of the vertebrate nervous system.**
Curr Opin Genet Dev. 1997 Oct;7(5):659-65. Review.
PMID: 9388783 [PubMed - indexed for MEDLINE]

100: [Gershon MD](#). [Related Articles](#), [Links](#)

 **Genes and lineages in the formation of the enteric nervous system.**
Curr Opin Neurobiol. 1997 Feb;7(1):101-9. Review.
PMID: 9039795 [PubMed - indexed for MEDLINE]

101: [Fisher LJ](#). [Related Articles](#), [Links](#)

 **Neural precursor cells: applications for the study and repair of the central nervous system.**
Neurobiol Dis. 1997;4(1):1-22. Review.
PMID: 9258907 [PubMed - indexed for MEDLINE]

102: [Brustle O, McKay RD.](#) [Related Articles](#), [Links](#)

 Neuronal progenitors as tools for cell replacement in the nervous system.
Curr Opin Neurobiol. 1996 Oct;6(5):688-95. Review.
PMID: 8937835 [PubMed - indexed for MEDLINE]

103: [Ernsberger U, Rohrer H.](#) [Related Articles](#), [Links](#)

 The development of the noradrenergic transmitter phenotype in postganglionic sympathetic neurons.
Neurochem Res. 1996 Jul;21(7):823-9. Review.
PMID: 8873087 [PubMed - indexed for MEDLINE]

104: [Uchida K, Toya S.](#) [Related Articles](#), [Links](#)

 Grafting of genetically manipulated cells into adult brain: toward graft-gene therapy.
Keio J Med. 1996 Jun;45(2):81-9. Review.
PMID: 8683903 [PubMed - indexed for MEDLINE]

105: [Whittemore SR, Snyder EY.](#) [Related Articles](#), [Links](#)

 Physiological relevance and functional potential of central nervous system-derived cell lines.
Mol Neurobiol. 1996 Feb;12(1):13-38. Review.
PMID: 8732538 [PubMed - indexed for MEDLINE]

106: [Etcheberrigaray R, Payne JL, Alkon DL.](#) [Related Articles](#), [Links](#)

 Soluble beta-amyloid induces Alzheimer's disease features in human fibroblasts and in neuronal tissues.
Life Sci. 1996;59(5-6):491-8. Review.
PMID: 8761337 [PubMed - indexed for MEDLINE]

107: [Alvarez-Buylla A, Lois C.](#) [Related Articles](#), [Links](#)

 Neuronal stem cells in the brain of adult vertebrates.
Stem Cells. 1995 May;13(3):263-72. Review.
PMID: 7613493 [PubMed - indexed for MEDLINE]

108: [Snyder EY, Macklis JD.](#) [Related Articles](#), [Links](#)

 Multipotent neural progenitor or stem-like cells may be uniquely suited for therapy for some neurodegenerative conditions.
Clin Neurosci. 1995-96;3(5):310-6. Review.
PMID: 8914798 [PubMed - indexed for MEDLINE]

109: [Gage FH, Ray J, Fisher LJ.](#) [Related Articles](#), [Links](#)

 Isolation, characterization, and use of stem cells from the CNS.
Annu Rev Neurosci. 1995;18:159-92. Review.
PMID: 7605059 [PubMed - indexed for MEDLINE]

110: [Nakai J, Fujita S.](#) [Related Articles](#), [Links](#)

 Early events in the histo- and cytogenesis of the vertebrate CNS.
Int J Dev Biol. 1994 Jun;38(2):175-83. Review.
PMID: 7981027 [PubMed - indexed for MEDLINE]

111: [Trojanowski JQ, Fung KM, Rorke LB, Tohyama T, Yachnis AT, Lee VM.](#) [Related Articles](#), [Links](#)

 In vivo and in vitro models of medulloblastomas and other primitive neuroectodermal brain tumors of childhood.
Mol Chem Neuropathol. 1994 Feb-Apr;21(2-3):219-39. Review.
PMID: 8086035 [PubMed - indexed for MEDLINE]

112: [Davies AM.](#) [Related Articles](#), [Links](#)

 The role of neurotrophins during successive stages of sensory neuron development.
Prog Growth Factor Res. 1994;5(3):263-89. Review.
PMID: 7888634 [PubMed - indexed for MEDLINE]

 **113:** Le Douarin NM, Ziller C. Related Articles, Links

 Plasticity in neural crest cell differentiation.
Curr Opin Cell Biol. 1993 Dec;5(6):1036-43. Review.
PMID: 8129941 [PubMed - indexed for MEDLINE]

 **114:** Persson H, Ibanez CF. Related Articles, Links

 Role and expression of neurotrophins and the trk family of tyrosine kinase receptors in neural growth and rescue after injury.
Curr Opin Neurol Neurosurg. 1993 Feb;6(1):11-8. Review.
PMID: 8428057 [PubMed - indexed for MEDLINE]

 **115:** Anderson DJ. Related Articles, Links

 Molecular control of cell fate in the neural crest: the sympathoadrenal lineage.
Annu Rev Neurosci. 1993;16:129-58. Review.
PMID: 8460888 [PubMed - indexed for MEDLINE]

 **116:** Marusich MF. Related Articles, Links

 Differentiation of neurogenic precursors within the neural crest cell lineage.
Brain Res Bull. 1993;30(3-4):257-63. Review.
PMID: 8457874 [PubMed - indexed for MEDLINE]

 **117:** Faissner A. Related Articles, Links

 Tenascin glycoproteins in neural pattern formation: facets of a complex picture.
Perspect Dev Neurobiol. 1993;1(3):155-64. Review.
PMID: 7522115 [PubMed - indexed for MEDLINE]

 **118:** Snyder EY. Related Articles, Links

 Neural transplantation: an approach to cellular plasticity in the developing central nervous system.
Semin Perinatol. 1992 Apr;16(2):106-21. Review. No abstract available.
PMID: 1636125 [PubMed - indexed for MEDLINE]

 **119:** Fraser SE. Related Articles, Links

 Pattern formation in the vertebrate nervous system.
Curr Opin Genet Dev. 1991 Aug;1(2):217-20. Review.
PMID: 1822270 [PubMed - indexed for MEDLINE]

 **120:** Le Douarin N, Dulac C, Dupin E, Cameron-Curry P. Related Articles, Links

 Glial cell lineages in the neural crest.
Glia. 1991;4(2):175-84. Review.
PMID: 1827777 [PubMed - indexed for MEDLINE]

 **121:** Rakic P. Related Articles, Links

 Principles of neural cell migration.
Experientia. 1990 Sep 15;46(9):882-91. Review.
PMID: 2209797 [PubMed - indexed for MEDLINE]

 **122:** Culp LA, Mugnai G, Lewandowska K, Vallen EA, Kosir MA, Houmeli KL. Related Articles, Links

Heparan sulfate proteoglycans of Ras-transformed 3T3 or neuroblastoma



cells. Differing functions in adhesion on fibronectin.

Ann N Y Acad Sci. 1989;556:194-216. Review.

PMID: 2525358 [PubMed - indexed for MEDLINE]

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